

25 to 30 mm

Designation	Boundary dimensions			Balls			Dimensions						Abutment dimensions					Weight	Contact angle	Load rating			Speed value		Preload/axial rigidity						Spring preload	Designation
																									L		M		S			
	d	D	B	d_m	D_W	Z	d_1	d_2	D_1	D_2	$r_{1,2}$	$r_{3,4}$	$r_{a\,max}$	$r_{b\,max}$	$d_{a,\,b\,min}$	$D_{a,\,b\,max}$	d_T	m	α_0	C	C_0	$C_{0\,HY}$	n_{oil}	n_{grease}	F_v	C_{ax}	F_v	C_{ax}	F_v	C_{ax}	F_f	
25 mm																																**25 mm**
S 61805 C TA	25	37	7	31.0	3.175	19	28.9		33.1	34.1	0.3	0.3	0.3	0.15	28.0	34.0	29.9	0.021	15	3650	2750	1930	55000	41000	19	21	55	33	110	46	95	S 61805 C TA
S 61805 E TA	25	37	7	31.0	3.175	19	28.9		33.1	34.1	0.3	0.3	0.3	0.15	28.0	34.0	29.9	0.021	25	3450	2600	1830	47000	35000	30	51	90	76	170	98	130	S 61805 E TA
S 61905 C TA	25	42	9	33.5	4.762	17	30.6		37.4	38.7	0.3	0.3	0.3	0.15	28.0	38.5	32.4	0.041	15	7700	5400	3800	50000	37000	40	29	120	48	240	67	200	S 61905 C TA
S 61905 E TA	25	42	9	33.5	4.762	17	30.6		37.4	38.7	0.3	0.3	0.3	0.15	28.0	38.5	32.4	0.041	25	7300	5100	3600	43000	32000	60	70	180	105	360	138	265	S 61905 E TA
SM 61905 C TA	25	42	9	33.5	4.762	17	30.6		37.4	38.7	0.3	0.3	0.3	0.15	28.0	38.5	32.4	0.041	15	5800	3150	2200	59000	44000	30	23	90	36	180	49	175	SM 61905 C TA
KH 61905 C TA	25	42	9	33.5	3.969	19	30.6	30	37.2	38.5	0.3	0.3	0.3	0.15	28.0	38.5	32.1	0.041	17	4250	2330	1640	63000	47000	22	25	65	38	130	51	155	KH 61905 C TA
KH 61905 E TA	25	42	9	33.5	3.969	19	30.6	30	37.2	38.5	0.3	0.3	0.3	0.15	28.0	38.5	32.1	0.041	25	4100	2220	1560	57000	43000	35	52	100	76	200	99	195	KH 61905 E TA
S 6005 C TA	25	47	12	36.0	6.35	15	32.2		40.1	42.3	0.6	0.3	0.6	0.3	30.0	42.0	34.3	0.076	15	13400	9200	6500	47000	35000	70	38	200	65	400	95	345	S 6005 C TA
S 6005 E TA	25	47	12	36.0	6.35	15	32.2		40.1	42.3	0.6	0.3	0.6	0.3	30.0	42.0	34.3	0.076	25	12700	8800	6200	40000	30000	110	88	320	135	640	180	465	S 6005 E TA
SM 6005 C TA	25	47	12	36.0	6.35	15	32.2		40.1	42.3	0.6	0.3	0.6	0.3	30.0	42.0	34.3	0.076	15	9200	4700	3300	55000	41000	50	28	140	43	280	59	280	SM 6005 C TA
KH 6005 C TA	25	47	12	36.0	5.556	17	32.2	30.9	42.0	43.6	0.6	0.3	0.6	0.3	30.0	42.0	34.2	0.076	17	7400	3900	2750	59000	44000	35	30	110	47	220	63	265	KH 6005 C TA
KH 6005 E TA	25	47	12	36.0	5.556	17	32.2	30.9	42.0	43.6	0.6	0.3	0.6	0.3	30.0	42.0	34.2	0.076	25	7100	3750	2650	53000	40000	60	65	180	96	360	125	340	KH 6005 E TA
S 6205 C TA	25	52	15	38.5	7.938	13	34.0		44.1	46.9	1.0	0.6	1.0	0.6	31.0	46.0	36.8	0.128	15	19000	12600	8900	44000	33000	100	45	300	77	600	112	485	S 6205 C TA
S 6205 E TA	25	52	15	38.5	7.938	13	34.0		44.1	46.9	1.0	0.6	1.0	0.6	31.0	46.0	36.8	0.128	25	18200	12000	8400	37000	27500	150	104	450	159	900	216	660	S 6205 E TA
30 mm																																**30 mm**
S 61806 C TA	30	42	7	36.0	3.175	22	34.1		38.3	39.3	0.3	0.3	0.3	0.15	33.0	39.0	35.1	0.025	15	3850	3250	2280	47000	35000	20	24	60	37	120	52	100	S 61806 C TA
S 61806 E TA	30	42	7	36.0	3.175	22	34.1		38.3	39.3	0.3	0.3	0.3	0.15	33.0	39.0	35.1	0.025	25	3650	3100	2150	40000	30000	30	56	90	76	180	109	135	S 61806 E TA
S 61906 C TA	30	47	9	38.5	4.762	18	35.1		41.9	43.2	0.3	0.3	0.3	0.15	33.0	43.5	36.8	0.047	15	7800	5850	4100	44000	33000	40	30	120	50	240	69	200	S 61906 C TA
S 61906 E TA	30	47	9	38.5	4.762	18	35.1		41.9	43.2	0.3	0.3	0.3	0.15	33.0	43.5	36.8	0.047	25	7400	5550	3900	38000	28500	60	72	190	111	380	146	270	S 61906 E TA
SM 61906 C TA	30	47	9	38.5	4.762	18	35.1		41.9	43.2	0.3	0.3	0.3	0.15	33.0	43.5	36.8	0.047	15	5950	3400	2380	52000	39000	30	24	90	37	180	50	180	SM 61906 C TA
KH 61906 C TA	30	47	9	38.5	3.969	22	35.1	35	41.7	43.0	0.3	0.3	0.3	0.15	33.0	43.5	36.5	0.047	17	4650	2750	1930	55000	41000	23	28	70	43	140	57	170	KH 61906 C TA
KH 61906 E TA	30	47	9	38.5	3.969	22	35.1	35	41.7	43.0	0.3	0.3	0.3	0.15	33.0	43.5	36.5	0.047	25	4400	2650	1840	50000	37000	35	58	110	87	220	112	210	KH 61906 E TA
S 6006 C TA	30	55	13	42.5	7.144	16	38.1		47.0	49.5	1.0	0.6	1.0	0.3	36.0	49.0	40.5	0.112	15	16500	11900	8400	40000	30000	85	43	250	72	500	105	425	S 6006 C TA
S 6006 E TA	30	55	13	42.5	7.144	16	38.1		47.0	49.5	1.0	0.6	1.0	0.3	36.0	49.0	40.5	0.112	25	15700	11400	8000	34000	25500	130	98	400	150	800	205	570	S 6006 E TA
SM 6006 C TA	30	55	13	42.5	7.144	16	38.1		47.0	49.5	1.0	0.6	1.0	0.3	36.0	49.0	40.5	0.112	15	11900	6450	4550	47000	35000	60	32	180	50	360	69	360	SM 6006 C TA
KH 6006 C TA	30	55	13	42.5	5.556	20	38.1	37	47.9	49.5	1.0	0.6	1.0	0.3	36.0	49.0	40.1	0.112	17	8200	4700	3350	50000	37000	40	35	120	54	250	73	295	KH 6006 C TA
KH 6006 E TA	30	55	13	42.5	5.556	20	38.1	37	47.9	49.5	1.0	0.6	1.0	0.3	36.0	49.0	40.1	0.112	25	7800	4500	3200	46000	34000	65	74	200	111	390	143	375	KH 6006 E TA
S 6206 C TA	30	62	16	46.0	9.525	13	40.4		52.1	55.4	1.0	0.6	1.0	0.6	36.0	55.0	43.6	0.199	15	25000	16700	11800	37000	27500	130	49	380	82	760	117	640	S 6206 C TA
S 6206 E TA	30	62	16	46.0	9.525	13	40.4		52.1	55.4	1.0	0.6	1.0	0.6	36.0	55.0	43.6	0.199	25	24000	16100	11300	32000	24000	200	117	600	177	1200	239	880	S 6206 E TA